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| <b>INFORMATION<br/>DISCLOSURE<br/>STATEMENT</b> | <b>Complete If known</b> |   |
|   | Application Number:      | 10/671,376                              |
|   | Filing Date:             | September 25, 2003                      |
|   | First Named Inventor:    | Janina Baranowska-Kortylewicz, et al.   |
|   | Group Art Unit:          | 1632                                    |
|   | Examiner Name:           | Not Yet Assigned                        |
| SHEET 1 OF 2                                    |                          | Attorney Docket Number: 0685-UNMC.63184 |

| UNITED STATES PATENT DOCUMENTS |          |               |                          |                        |
|--------------------------------|----------|---------------|--------------------------|------------------------|
| EXAMINER'S INITIALS            | CITE NO. | PATENT NUMBER | ISSUE DATE<br>MM-DD-YYYY | FIRST NAMED INVENTOR   |
| CK<br>HO                       | A1       | 5,096,694     | 03/17/1992               | Quivy et al.           |
| CK<br>HO                       | A2       | 5,468,853     | 11/21/1993               | Baranowska-Kortylewicz |

| FOREIGN PATENT DOCUMENTS |          |                 |                   |                                   |                                   |
|--------------------------|----------|-----------------|-------------------|-----------------------------------|-----------------------------------|
| EXAMINER'S INITIALS      | CITE NO. | DOCUMENT NUMBER | COUNTRY OR REGION | DATE OF PUBLICATION<br>MM-DD-YYYY | FIRST NAMED INVENTOR OR APPLICANT |
| CK<br>HO                 | B1       | WO 90/03799     | WO                | 04-19-1990                        | Centocor, Inc.                    |

| OTHER PRIOR ART - NON-PATENT DOCUMENTS |          |   |
|--|----------|---|
| EXAMINER'S INITIALS                    | CITE NO. | Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published  |
| CK<br>HO                               | C1       | BONASERA, T.A. et al. "Preclinical Evaluation of Fluorine-18-Labeled Androgen Receptor Ligands in Baboons"; Journal of Nuclear Medicine, <b>37(6)</b> : 1009-1015 (1996)  |
|  | C2       | CHOE, Y.S. et al. "Synthesis of 11 $\beta$ -[ <sup>18</sup> F]Fluro-5 $\alpha$ -dihydrotestosterone and 11 $\beta$ -[ <sup>18</sup> F]Fluro-19-nor-5 $\alpha$ -dihydrotestosterone: Preparation via Halofluorination-Reduction, Receptor Binding, and Tissue Distribution"; Journal of Medicinal Chemistry, <b>38(5)</b> : 816-825 (1995) |
|  | C3       | DOWNER, J.B. et al. "Comparison of animal models for the evaluation of radiolabeled androgens"; Nuclear Medicine and Biology, <b>28(6)</b> : 613-626 (2001)   |
|  | C4       | HOYTE, R.M. et al. "7 $\alpha$ -Methyl-17 $\alpha$ -(E-2'-[ <sup>125</sup> I]iodovinyl)-19-nortestosterone: a new radioligand for the detection of androgen receptor"; Steroids, <b>58(1)</b> : 13-23 (1993)  |
|  | C5       | LABAREE, D.C. et al. "7 $\alpha$ -Iodine-125-Iodo-5 $\alpha$ -Dihydrotestosterone: A Radiolabeled Ligand for the Androgen Receptor"; Journal of Nuclear Medicine, <b>38(3)</b> : 402-409 (1997)   |
|  | C6       | LARA, P.N. et al. "Treatment Options in Androgen-Independent Prostate Cancer"; Cancer Investigation, <b>17(2)</b> : 137-144 (1999)  |
|  | C7       | LIU, A. et al. "Fluorine-18-Labeled Androgens: Radiochemical Synthesis and Tissue Distribution Studies on Six Fluorine-Substituted Androgens, Potential Imaging Agents for Prostatic Cancer"; Journal of Nuclear Medicine, <b>33(5)</b> : 724-734 (1992)  |
| CK<br>VHO                              | C8       | SALMAN, M. et al. "A Potential Radioiodinated Ligand for Androgen Receptor: 7 $\alpha$ -Methyl-17 $\alpha$ -(2'-(E)-iodovinyl)-19-nortestosterone"; Journal of Medicinal Chemistry, <b>34(3)</b> : 1019-1024 (1991)   |

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|----------------------|--------------------|-----------------|---------|
| EXAMINER'S SIGNATURE | <i>[Signature]</i> | DATE CONSIDERED | 6-10-05 |
|----------------------|--------------------|-----------------|---------|

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.

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|   | Group Art Unit:          | 1632                                    |
|   | Examiner Name:           | Not Yet Assigned                        |
| SHEET 2 OF 2                                    |                          | Attorney Docket Number: 0685-UNMC.63184 |

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| EIL<br>H/O<br>[Handwritten line]<br>[Handwritten line]<br>[Handwritten line]<br>[Handwritten line]<br>[Handwritten line]<br>[Handwritten line]<br>[Handwritten line]<br>[Handwritten line]<br>[Handwritten line] | C9  | VAN DEN BOS, J.C., et al. "New Iodinated Progestins as Potential Ligands for Progesterone Receptor Imaging in Breast Cancer. Part 1: Synthesis and <i>in Vitro</i> Pharmacological Characterization"; Nuclear Medicine & Biology, <b>25(8)</b> : 781-789 (1998)                         |
|  | C10 | WARTERS, R.L. et al. "Radionuclide Toxicity in Cultured Mammalian Cells: Elucidation of the Primary Site of Radiation Damage"; Current Topics in Radiation Research Quarterly, <b>12</b> : 389-407 (1997)   |
|  | C11 | MAKRIGIORGOS, G.M. et al. "Radiotoxicity of 5-[ <sup>125</sup> I]Iodo-2'-deoxyuridine in V79 Cells: A Comparison with 5-[ <sup>125</sup> I]Iodo-2'-deoxyuridine"; Radiation Research, <b>118</b> : 532 (1989)   |
|  | C12 | BARANOWSKA-KORTYLEWICZ, J. et al. "5-[ <sup>125</sup> I]Iodo-2'-Deoxyuridine in the Radiotherapy of an Early Ascites Tumor Model"; Int. J. Radiat. Oncol. Biol. Phys., <b>21</b> : 1541-1551 (1991)   |
|  | C13 | KYRIAKOS, R.J. et al. "The Fate of Antibodies Bound to the Surface of Tumor Cells <i>in Vitro</i> "; Cancer Research, <b>52</b> : 835-842 (1992)  |
|  | C14 | BRYAN, R.M. et al. "Androgen Receptors in Breast Cancer"; Cancer, <b>54</b> : 2436-2440 (1984)  |
|  | C15 | LEA, O.A. et al. "Improved Measurement of Androgen Receptors in Human Breast Cancer"; Cancer Research, <b>49</b> : 7162-7167 (1989)   |
|  | C16 | SOREIDE, J.A. et al. "Androgen receptors in operable breast cancer: relation to other steroid hormone receptors, correlations to prognostic factors and predictive value for effect of adjuvant tamoxifen treatment"; European Journal of Surgical Oncology, <b>18</b> : 112-118 (1992) |
|  | C17 | POULIN, R. et al. "Androgens inhibit basal and estrogen-induced cell proliferation in the ZR-75-1 human breast cancer cell line"; Breast Cancer Research and Treatment, <b>12</b> : 213-225 (1988)  |
|  | C18 | INGLE, J.N. et al. "Combination Hormonal Therapy With Tamoxifen Plus Fluoxymesterone Versus Tamoxifen Alone in Postmenopausal Women With Metastatic Breast Cancer"; Cancer, <b>67</b> : 886-891 (1991)  |
| [Handwritten mark]   | C19 | MARIANI, G. et al. "Tumor Targeting Potential and Metabolism of 5-[ <sup>125</sup> I]Iodo-2'-Deoxyuridine Injected Intratumorally in Patients with Breast Cancer"; Ann N Y Acad. Sci., <b>698</b> : 204-211 (1993)  |

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